

ABSTRACT

A pipe renovating method and system in which a pipe is first cleaned and then coated with a suitable coating material. In the cleaning step, pressurized air and particles of abrasive material are pumped into a first end of a pipe while suction is applied to the second end of the pipe via a vacuum pump to improve flow along the entire length of the pipe. The coating material is subsequently pumped in at one end of the cleaned pipe while suction is applied at the other end. In each step, the suction flow rate is higher than the input flow rate, so as to steer the mixture towards the second end. This method can be used to coat and clean different sections of a pipe system, by connecting the input materials successively to different access ports in the system.